ORDER NO. MD0502025C3

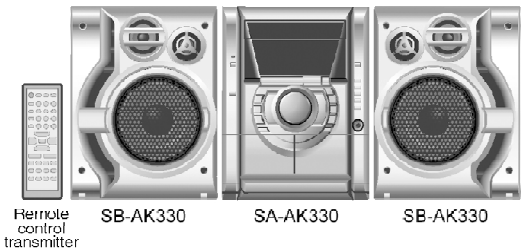
Service Manual

Speaker System

SB-AK330GT

Colour

(S)... Silver Type



SPECIFICATIONS

Specification

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Type	**3 way, 3 speaker system (Bass reflex)**
Speaker(s)	
Woofer	**16 cm cone type**
Tweeter	**6 cm cone type**
Super tweeter	**Piezo type**
Impedance	
HIGH	**5 Ω**
LOW	**5 Ω**
Input power (IEC)	
HIGH	**90 W (Max)**
LOW	**90 W (Max)**
Output sound pressure level	**83 dB/W (1.0 m)**
Cross over frequency	**2.6 kHz, 10 kHz**
Frequency range	**37 Hz - 23 kHz (-16 dB)**
	44 Hz - 22 kHz (-10 dB)
Dimensions (W x H x D)	**240 x 330 x 229 mm**
Mass	**3.2 kg**

Notes :

1. Specifications are subject to change without notice.

2. Mass and dimensions are approximate.

3. The labels “HIGH” and “LOW” on the rear of the speakers refer to High frequency and Low frequency.

■ **System : SC-AK330GT-S** **Music Center : SA-AK330GT-S**

Front Speaker : SB-AK330GT-S

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

1. Connection of the Speaker Cables

- Be sure to connect speaker cables before connecting the AC power supply cord.

- The load impedance of any speaker used with this unit must be 5 Ω .

- Be sure to connect the cable from the right speaker to the right terminal and the cable from the left speaker to the left terminal.

1. Strip off the outer covering, and twist the center conductor. Make sure the bare ends of the wires are not unravelled. (If they are,

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twist them tight again.)

2. Insert the wire to the rear panel of the unit and close the lever.

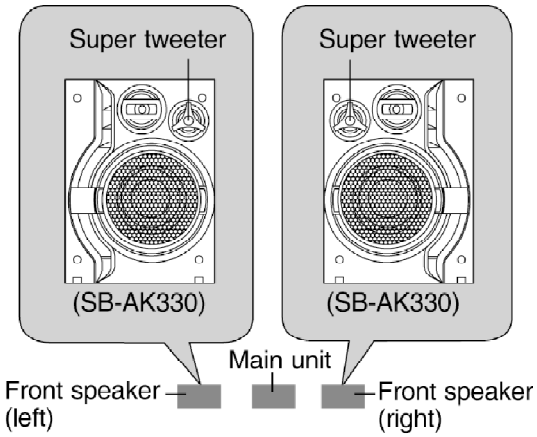
Notes :

- To prevent damage to circuitry, never short-circuit positive (+) and negative (-) speaker wires.

- Be sure to connect only positive (red) wires to positive (+) terminals and negative (black) wires to negative (-) terminals.

Placement

Place the front speakers so that the super tweeter is on the inside.



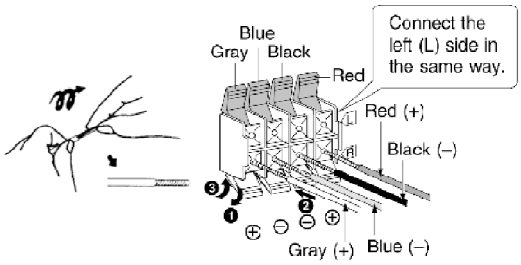
Notes :

- Keep your speakers at least 10 mm away from the system for proper ventilation.

- These speakers do not have magnetic shielding. Do not place them near televisions, personal computers or other devices easily influenced by magnetism.

- You cannot take the front net off the speakers.

Connection



Use only the supplied speakers.

The combination of the main unit and speakers provide the best sound.

Using other speakers can damage the unit and sound quality will be negatively affected.

Notes on speaker use

- You can damage your speakers and shorten their useful life if you play sound at high levels over extended periods.

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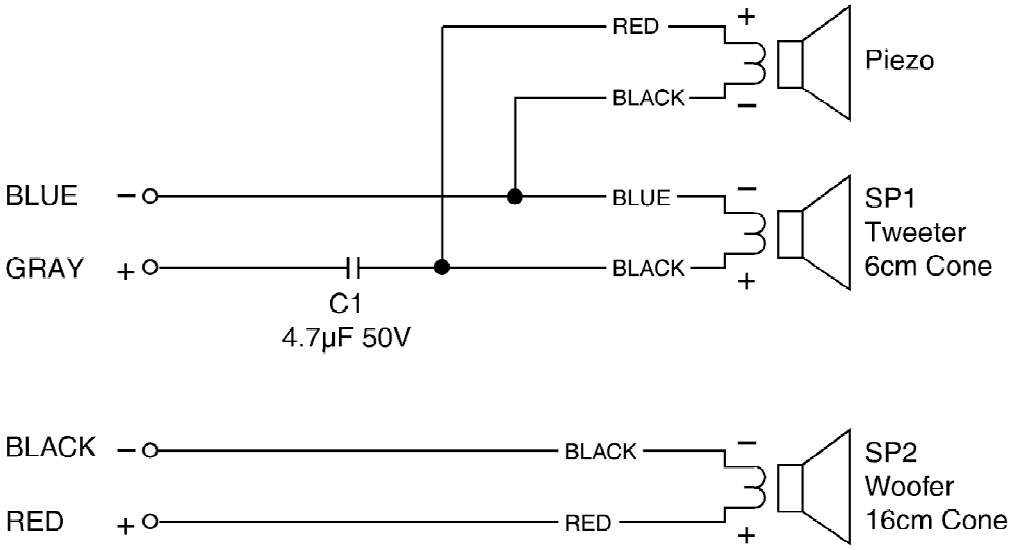
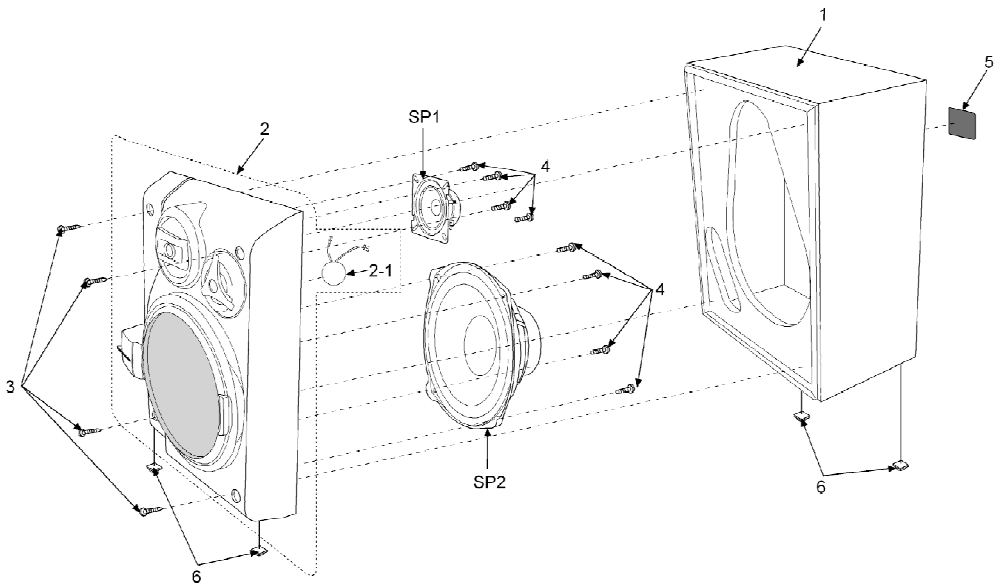
- Reduce the volume in the following cases to avoid damage.
- When playing distorted sound.
- When adjusting the sound quality.

> **Caution**
> - Use the speakers only with the recommended system. Failure to do so may lead to damage to the amplifier and/or the speakers, and may result in the risk of fire. Consult a qualified service person if damage has occurred or if you experience a sudden change in performance.
> - Do not attach these speakers to walls or ceilings.

2. Connection of the Speaker Wiring



3. Cabinet Parts Location



4. Replacement Parts List

Notes :

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- Important safety notice :
When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.
- [M] markings in the Remarks columns indicates parts supplied by PAVCSG.

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RYKX0293-S	SPK CABINET ASS'Y(L)	[M]
1	RYKX0294-S	SPK CABINET ASS'Y(R)	[M]
2	RFKGBAK330GA	FRONT PANEL ASS'Y(L)	[M]
2	RFKGBAK330GB	FRONT PANEL ASS'Y(R)	[M]
2-1	REEX0393	PIEZZO ASS'Y	[M]
3	XTB4+16AFZ	SCREW (FRONT PANEL)	[M]
4	XTB4+10JFJ	TAPPING SCREW	[M]
5	RGNX0260B-K	SPEC SHEET	[M]
6	RKA0072-KJ	LEG CUSHION	[M]
		CAPACITOR	
C1	ECEA1HAY4R7S	4.7uf 50V	[M]
		PACKING MATERIALS	
P1	RPNX0284-1	POLYFOAM	[M]
P2	RPFX0101-2	MIRAMAT	[M]
		SPEAKERS	
SP1	EAST6PH08N6	TWEETER	[M]
SP2	L0AA16A00014	WOOFER	[M]

5. Packaging

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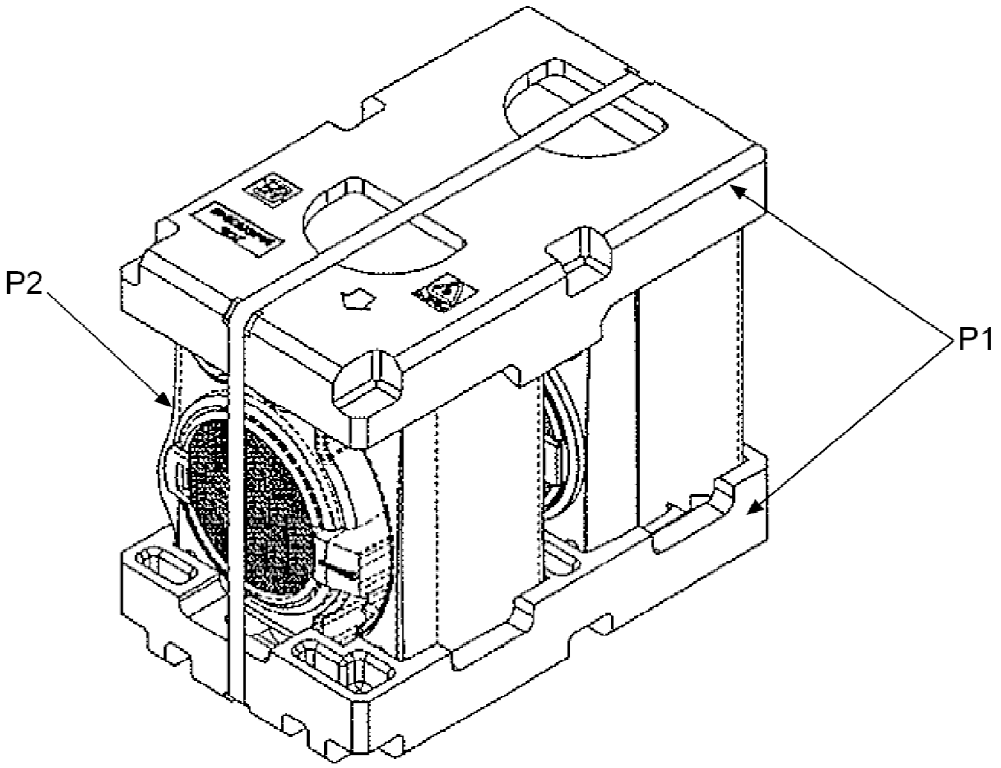

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